

WASHINGTON STATE DEPARTMENT OF TRANSPORTATION - MATERIALS LABORATORY
PO BOX 47365 OLYMPIA, WA 98504/STREET-1655 S. 2nd AVE TUMWATER, WA 98512

BITUMINOUS SECTION TEST REPORT

TEST OF PAVING ASPHALTS

GRADE: PG64-22 Antistrip: %
SUPPLIER: U.S.OIL Type:
SHIPPER: U.S.OIL
DATE RECD: 08/11/2010
SR NO: 410 COUNTY:
SECTION: 214TH AVE E TO 234TH AVE E -WIDENING

WORK ORDER # 007866
TRANS. LTR.# 108323
LAB.IDENT. # 0000108323
ASPH. LAB. # A100737
BID ITEM. # 66.01
REGION # 43

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ACCEPTANCE NO.	ASSURANCE NO.	CERT NO.	DATE SAMPLED
2		284987	08/10/2010

TEST: RESULTS: SPECIFICATIONS:

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ORIGINAL PROPERTIES:

VISCOSITY

(BROOKFIELD) @ 135 C, Pa s	3 MAXIMUM
DYNAMIC SHEAR @ 64 C, kPa	1.00 MINIMUM
C.O.C. FLASH POINT, C	230 MINIMUM

RTFO AGED PROPERTIES:

MASS LOSS AFTER RTFO, %	1.00 MAXIMUM
DYNAMIC SHEAR @ 64 C, kPa	2.20 MINIMUM
MSCR @ 3.2 kPa @ C, %	REPORT ONLY
Jnr @ 3.2 kPa @ C	REPORT ONLY
DIFFERENCE Jnr, %	REPORT ONLY

MSCR and Jnr testing performed at PG base grade temperature

PAV AGED PROPERTIES:

PAV AGING TEMPERATURE C	
DYNAMIC SHEAR @ 25 C, kPa	5000 MAXIMUM
DYNAMIC SHEAR @ 22 C, kPa	REPORT ONLY
CREEP STIFFNESS @ -12 C	
"S", MPa	300 MAXIMUM
"m"	0.300 MINIMUM

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OSC LABORATORY:

Materials File	X
General File	X

REGION: OLYMPIC

Construction Engineer	43	X
Materials Engineer	43	X

PE: M. NEBERGALL

U.S.OIL

Material does MEET
specification requirements.
Remarks:
SAMPLE APPROVED FOR USE ON THIS
CONTRACT BASED ON PREVIOUS AND
SUBSEQUENT PASSING TEST
RESULTS.

THOMAS E. BAKER, P.E.
Materials Engineer

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T-121	T-133
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By: Joseph R. DeVol

Date 08/20/2010
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